

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 1 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Strike the entire sequence listing (col. 31/32, line 15, through col. 53/54, line 10) and replace it with the following

--
SEQUENCE LISTING

<160> NUMBER OF SEQ ID NOS: 11

<210> SEQ ID NO 1
<211> LENGTH: 8540
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

<220> FEATURE:
<223> OTHER INFORMATION: vector

<220> FEATURE:
<223> OTHER INFORMATION: sense orientation

<400> SEQUENCE: 1
gacgtcgccg ccgcctctagg cctccaaaaa agcctcctca ctacttctgg aatagctcag 60
aggccgaggc ggcctcgcc tctgcataaa taaaaaaaaat tagtcagccca tgcatggggc 120
ggagaatggg cggaaactggg cggagttagg ggcgggatgg gccggagttag gggcgggact 180
atggttgctg actaattgag atgcatgtt tgcataacttc tgcctgctgg ggagcctggg 240
gacttccac acctgggtgc tgactaattg agatgcattc tttgcataact tctgcctgct 300

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 2 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ggggagcctg	gggactttcc	acaccctaac	tgacacacat	tccacagaat	taattccct	360
agttattaaat	agtaatcaat	tacggggta	ttagttcata	gcccatatat	ggagttccgc	420
gttacataac	ttacggtaaa	tggcccgct	ggctgaccgc	ccaaacgacc	ccgcccattg	480
acgtcaataa	tgacgtatgt	tcccatagt	acgccaatag	ggactttcca	ttgacgtcaa	540
tgggtggact	attacggta	aactgcccac	ttggcagttac	atcaagtgt	tcatatgcca	600
agtacgcccc	ctattgacgt	caatgacgg	aatggcccg	cctggcatta	tgcccagttac	660
atgaccttat	gggactttcc	tacttggcag	tacatctacg	tattagtcat	cgcttattacc	720
atggtgatgc	ggttttggca	gtacatcaat	ggcgtggat	agcgggttga	ctcacgggaa	780
tttccaagtc	tccacccat	tgacgtcaat	gggagtttg	tttggcacca	aatcaacgg	840
gactttccaa	aatgtcgtaa	caactccgccc	ccattgacgc	aatggccgg	taggcgtgt	900
cggtgggagg	tctatataag	cagagctggg	tacgtgaacc	gtcagatcg	ctggagacgc	960
catcacagat	ctctcaccat	gagggtcccc	getcagctcc	tggggtcct	gtgtctctgg	1020
ctcccaggtg	cacgatgt	tggtaccaag	gtggaaatca	aacgtacgg	ggctgcacca	1080
tctgtcttca	tcttcccgcc	atctgtatgg	cagttgaaat	ctggaaactgc	ctctgttgg	1140
tgcctgtga	ataacttcta	tcccagagag	gccaaagtac	agtggaaagg	ggataacgcc	1200
ctccaatcg	gtacttccca	ggagagtgc	acagagcagg	acagcaagga	cagcacctac	1260
agcctcagca	gcacccctgac	gctgagcata	gcagactacg	agaaacacaa	agtctacgcc	1320
tgcgaagtca	cccatcaggg	cctgagctcg	cccgtcacaa	agagcttcaa	caggggagag	1380
tgttgaattc	agatccgtt	acggttacca	actacctaga	ctggattcgt	gacaacatgc	1440
ggccgtgtata	tctacgtatg	atcagcctcg	actgtgcct	ctagttgcca	gccatctgtt	1500
gtttgcctt	cccccggtcc	ttccttgacc	ctggaaagg	ccactccac	tgtccttcc	1560
taataaaatg	aggaaattgc	atcgcattgt	ctgagtaggt	gtcattctat	tctgggggt	1620
gggggtggggc	aggacagcaa	gggggaggat	tggaaagaca	atagcaggca	tgctggggat	1680
gcgggtgggct	ctatggaaacc	agctggggct	cgacagctat	gccaaagtacg	ccccctattg	1740
acgtcaatga	cggtaaatgg	cccgccctggc	attatgccc	gtacatgacc	ttatggact	1800
ttcctacttg	gcagttacatc	tacgtattag	tcatcgctat	taccatggtg	atgcggttt	1860

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 3 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ggcagtacat caatggcggt ggatagcggt ttgactcacg gggatttcca agtctccacc	1920
ccattgacgt caatgggagt ttgtttggc accaaaatca acgggacttt cccaaatgtc	1980
gtaacaactc cgccccattg acgcaaatgg gcggtaggcg tgtacgtgtt gaggtctata	2040
taagcagagc tgggtacgtc ctcacattca gtatcagca ctgaacacag acccgctcgac	2100
atgggttggc gcctcatctt gctttctt gtcgctgtt ctacgcgtgt cgctagcacc	2160
aagggccat cggtttccc cctggcaccc tcctccaaga gcacctctgg gggcacagcg	2220
gcctggct gcctggtaa ggactacttc cccgaaccgg tgacgggtgc gtggactca	2280
gggcctgaa ccagggcggt gcacacettc cccgctgtcc tacagtcctc aggactctac	2340
tccctcagca ggggtgtgac cgtgccttcc agcagcttgg gcacccagac ctacatctgc	2400
aacgtgaatc acaagcccac caacaccaag gtggacaaga aagcagagcc caaatcttgc	2460
gacaaaactc acacatgccc accgtgcccc gcacctgaac tcctgggggg accgtcagtc	2520
ttcctttcc ccccaaaacc caaggacacc ctcatgatct cccggacccc tgaggtcaca	2580
tgcgtgtgg tgacgtgag ccacgaagac cctgaggtca agttcaactg gtacgtggac	2640
ggcgtggagg tgacataatgc caagacaaag ccgcgggagg agcagttacaa cagcacgtac	2700
cgtgtgtca gcgtcctcac cgtcctgcac caggactggc tgaatggcaa ggactacaag	2760
tgcaaggctt ccaacaaacgc cctcccaagcc cccatcgaga aaaccatctc caaagccaa	2820
ggcagggccc gagaaccaca ggtgtacacc ctggccccat cccggatga gtcgaccagg	2880
aaccaggctca gcctgacctg cctggtaaa gggttctatc ccagcgacat cgccgtggag	2940
tgggagagca atgggcagcc ggagaacaac tacaagacca cgcctccgt gtcggactcc	3000
gacggcttctt ctttcctcta cagcaagctc accgtggaca agagcaggtg gcagcagggg	3060
aacgtttctt catgtccgt gatgcatttgc gtcctgcaca accactacac gcagaagagc	3120
ctctccctgt ctccgggtaa atgaggatcc gttaaacgggtt accaactacc tagactggat	3180
tcgtgacaac atgcggccgt gatatctacg tatgtatcgc ctcgactgtg cttcttagtt	3240
gccagccatc tgggtttgc ccctccccg tgccttcctt gaccctggaa ggtgccactc	3300
ccactgtcct ttccataaa aatgaggaaa ttgcatcgca ttgtctgagt aggtgtcatt	3360
ctattctggg ggggtgggtt gggcaggaca gcaaggggaa ggattggaa gacaatagca	3420

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 4 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ggcatgctgg	ggatgcggtg	ggctctatgg	aaccagctgg	ggctcgacag	cgctggatct	3480
cccgatcccc	agetttgctt	ctcaatttct	tatttgcata	atgagaaaaaa	aggaaaaatt	3540
aattttaaaca	ccaattcagt	agttgattga	gcaaatgcgt	tgccaaaaag	gatgctttag	3600
agacagtgtt	ctctgcacag	ataaggacaa	acattattca	gagggagtagc	ccagagctga	3660
gactcctaag	ccagttagtg	gcacagcatt	ctagggagaa	atatgcttgt	catcacccgaa	3720
gcctgattcc	gtagagccac	accttggtaa	gggcaatct	gctcacacag	gatagagagg	3780
gcaggagcca	ggcgagagca	tataaggtga	ggttaggatca	gttgctcctc	acatttgctt	3840
ctgacatagt	tgtgttggga	gttggatag	cttggacagg	tcaggctgc	gatttcgccc	3900
caaacttgac	ggcaatccct	gcgtgaaggc	tggttaggatt	ttatccccgc	tgccatcatg	3960
gttcgaccat	tgaactgcat	cgtcgcgtg	tcccaaaaata	tggggatttg	caagaacggg	4020
gacctaccct	ggcctccgct	caggaacggag	ttcaagtact	tccaaagaat	gaccacaacc	4080
tcttcagtgg	aaggtaaaaca	gaatctggtg	attatgggta	ggaaaacctg	gttctccatt	4140
cctgagaaca	atcgacccctt	aaaggacaga	attaatataag	ttctcagttag	agaactcaaa	4200
gaaccaccac	gaggagctca	ttttcttgc	aaaagtttgg	atgatgcctt	agacttatt	4260
gaacaaccgg	aatttggcaag	taaagttagac	atggtttgg	tagtcggagg	cagttctgtt	4320
taccaggaag	ccatgaatca	accaggccac	cttagactct	ttgtgacaag	gatcatgcag	4380
gaatttgaaa	gtgacacgtt	tttcccagaa	attgattttgg	ggaaatataa	acttctccca	4440
gaataccccag	gcgtcctctc	tgaggtccag	gaggaaaaag	gcatcaagta	taagtttggaa	4500
gtctacgaga	agaaaagacta	acaggaagat	gtttcaagt	tctctgctcc	cctcctaaag	4560
tcatgcattt	ttataagacc	atgggacttt	tgctggcttt	agatcagcct	cgactgtgcc	4620
ttcttagttgc	cagccatctg	ttgtttgccc	ctccccctgt	ccttccttga	ccctggaaagg	4680
tgccactccc	actgtcctt	cctaataaaa	tgagggaaatt	gcatcgcatt	gtctgagtag	4740
gtgtcattct	attctggggg	gtggggtggg	gcaggacagg	aaggggagg	attgggaaga	4800
caatagcagg	catgctgggg	atgcggtggg	ctctatggaa	ccagctgggg	ctcgagctac	4860
tagcttgct	tctcaatttc	ttatggcat	aatgagaaaa	aaagggaaaat	taattttaac	4920
accaattcag	tagttgattt	agcaaatgcg	ttgccaaaaaa	ggatgcttta	gagacagtgt	4980

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 5 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

tctctgcaca gataaggaca aacattattc agagggagta cccagagctg agactcctaa	5040
gccagtgagt ggcacagcat tctagggaga aatatgttgc tcatcacca agcctgattc	5100
cgttagagcca caccttggtt agggccaatc tgctcacaca ggataagagag ggcaggagcc	5160
agggcagagc atataagggtg aggtaggatc agttgtctt cacattgtt tctgacatag	5220
tttgttgggg agcttggatc gatccttat ggttgaacaa gatggattgc acgcaggttc	5280
tccggccgtt tggttggaga ggctatttgg ctatgtactgg gcacaacaga caatggctg	5340
ctctgtatgcc gcctgttcc ggctgtcagc gcagggggcgc cccgttctt ttgtcaagac	5400
cgacctgtcc ggtgccttga atgaactgtca ggacgaggca gcgcggctat cgtggcttgc	5460
cacgacgggc gtcccttgcg cagctgtgtc cgacgttgc actgaagcgg gaaggggactg	5520
gctgctattt ggcgaagtgc cggggcagga tctcctgtca tctcaccttgc tctctggca	5580
gaaagtatcc atcatggctg atgcaatgtca gcggctgtcat acgctgtatc cggctacctg	5640
cccatttcac caccaagcga aacatcgcat cgagcggca cgtactcgga ttgaagccgg	5700
tcttgcgtat caggatgtatc tggaccaaga gcatcagggg ctgcgccttgc cgcactgtt	5760
cgcaggctc aaggcgcgcga tgcccacgg cgaggatctc gtcgtgatccc atggcgatgc	5820
ctgtttggcg aatatcatgg tggaaaatgg cccgttttgc ggattcatcg actgtggccg	5880
gctgggtgtg gccggaccgcgt atcaggacat agcgttggat acccggtata ttgctgaaga	5940
gcttggggcga gaatgggctg accgcttctt cgtgttttgc ggtatcgccg ctcccgatcc	6000
gcagcgcacgc gccttctatc gccttcttgc cgagtttttc tgagcgggac tctgggttc	6060
gaaatgaccg accaagcgcac gcccacccgtt ccatcacggat atttcgttcc caccggccgc	6120
ttctatgaaa gtttggctt cggaaatcgat ttccgggacg ccggctggat gatccctccag	6180
cgcggggatc tcatgttgcg gttcttcgc caccggactt tgtttattgc agcttataat	6240
ggttacaaat aaagcaatag catcacaaat ttcacaaata aagcatttt ttcaactgtcat	6300
tctagttgtg gtttggccaa actcatcaat ctatgttgc atgtctggat cgcggccgcg	6360
atcccgatcgag cagcttggcg taatcatgtt ctagctgtt tctgtgtga aattgttatac	6420
cgctcacaat tccacacaaac atacgagccg gaagcataaa gtgtaaagcc tgggggtgcct	6480
aatgagttag ctaactcaca ttaattgcgt tgctcact gcccgttgc cagtcgggaa	6540

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 6 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagagggc ggtttgcgtta	6600
ttgggcgtc ttccgcttcc tcgctcactg actcgctcg ctcggcgtt cggctcgccc	6660
gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg	6720
cagggaaagaa catgtgagca aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt	6780
tgcggcgtt ttccatagg ctccgcggcc ctgacgagca tcacaaaaat cgacgctcaa	6840
gtcagagggtg gcaaaacccg acaggactat aaagatacca ggcgttccc cctggaaagct	6900
ccctcggtcg ctctcctgtt ccgaccctgc cgcttacccg atacctgtcc gccttctcc	6960
cttcgggaag cttggcgctt ttcataatgtc cactgtgtat gtatctcagt tcgggttagg	7020
tgcgtcgtc caagctggc tgcgtgcacg aaaaaaaaaa tcagccccac cgctgcgcct	7080
tatccgtaa ctatcgctt gagtccaaacc cggtaagaca cgactatcg ccactggcag	7140
cagccactgg taacaggatt agcagagcga ggtatgttagg cgggtctaca gagttcttga	7200
agtggtgcc taactacggc tacactagaa ggacagtatt tggtatctgc gctctgctga	7260
agccaggtaa cttcgaaaaa agagttggta gctcttgcacg cggcaacaa accaccgcgt	7320
gtacggtgg tttttttgtt tgcaagcagc agattacgc cagaaaaaaaaa ggatctcaag	7380
aagatcctt gatctttct acggggctcg acgctcgtt gAACGAAAC tcacgttaag	7440
ggatttttgtt catgagatta tcaaaaaagga tttcaccta gatccttta attaaaaat	7500
gaagttttaa atcaatctaa agtataatcg agtaaaacttg gtctgacagt taccaatgt	7560
taatcaatgtca ggcacccatc tcagcgatct gtctatccgt ttcattccata gttgcctgac	7620
tccccgtcgt ttagataact acgatacggg agggcttacc atctggcccc agtgcgtcaa	7680
tgcataccgcg agacccacgc tcacccgctc cagatttattc agcaataaac cagccagccg	7740
gaagggccga ggcagaagtttgcacatccgc ctccatccag tctattaaatt	7800
gttgcggga agttagatgtc agtagttcg cagttatag tttgcacac gttgttgcac	7860
ttgcgtacagg catcggtgt tcacgtcgt cgtttggat ggttcattc agtccgggtt	7920
cccaacgatc aaggcgagtt acatgatccc ccattttgtg caaaaaagcg gttagctct	7980
tcggctctcc gatcggtgtc agaagtaagt tggccgcagt gttatcaactc atggttatgg	8040
cagcaactgca taattctttt actgtcatgc catccgtaaatgctttct gtgactgggt	8100

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 7 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

agtactcaac caagtcat tc tgagaatagt gtatgcggcg accgagttgc tcttgcccg	8160
cgtcaatacg ggataatacc ggcacata gcagaacttt aaaagtgtc atcattggaa	8220
aacgttcttc gggcgaaaa ctctcaagga tcttaccgct gttgagatcc agttcgatgt	8280
aacccactcg tgacccaac tgatcttcag catctttac tttcaccagc gtttctgggt	8340
gagcaaaaac aggaaggcaa aatgccgcaa aaaaggaaat aaggcgaca cggaaatgtt	8400
gaataactcat actcttcattt ttcaatattt attgaagcat ttatcagggt tattgtctca	8460
tgagcgata catattgaa tgtattaga aaaataaaca aataggggtt ccgcgcacat	8520
ttccccaaa agtgcacat	8540

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 8 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<210> SEQ ID NO 2
<211> LENGTH: 9209
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

<220> FEATURE:
<223> OTHER INFORMATION: vector with chimeric antibody sequence

<220> FEATURE:
<223> OTHER INFORMATION: sense orientation

<400> SEQUENCE: 2
gacgtcgccgg ccgcgtctagg cctccaaaaa agcctcctca ctacttctgg aatacgctcag 60
aggccgaggc ggcctcgccct tctgcataaaa taaaaaaaat tagtcagcca tgcatagggc 120
ggagaatggg cgaactggg cggaggtagg ggcgggatgg gcggagttag gggcgggact 180
atggttgtcg actaatttagat atgcattgtt tgcatacttc tgcctgtgg ggagcctggg 240
gactttccac acctgggttgc tgactaattt agatgcattgc tttgcataact tctgcctgt 300
ggggagccctg ggactttcc acaccctaaac tgacacacat tccacagaat taattccct 360
agttataat agtaatcaat tacgggtca ttagttcata gcccataat gtagttccgc 420
gttacataac ttacggtaaa tggccgcct ggctgaccgc ccaacgaccc cccgcattg 480
acgtcaataa tgacgtatgt tcccatagta acgccaatag ggacttcca ttgacgtcaa 540
tgggtggact attacggta aactgcccac ttggcagtac atcaagtgtt tcatatgcac 600
agtacgcccc ctattgacgt caatgacggt aatggccccg cctggcattt tgcccgatgt 660
atgacccattt gggactttcc tacttggcag tacatctacg tatttagtcat cgcttattacc 720
atggtgatgc ggttttggca gtacatcaat gggcgtggat accgggttga ctcacgcccga 780
tttccaaatg tccaccccat tgacgtcaat gggagttgt ttggcacca aatcaacagg 840

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 9 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

gactttccaa aatgtcgtaa caactccgcc ccattgacgc aaatggcggt taggcgtgt	900
cggtgggagg tctatataag cagagctggg tacgtgaacc gtcagatcg c tggagacgc	960
catcacagat ctctcactat ggattttcag gtgcagatta tcagcttcct gctaattcagt	1020
gcttcagtca taatgtccag aggacaaaatt gtctctccc agtctccagc aatcctgtct	1080
gcatctccag gggagaaggt cacaatgact tgcagggcca gctcaagtgt aagttacatc	1140
cactggttcc agcagaagcc aggatctcc cccaaaccct ggatttatgc cacaatccaac	1200
ctggcttctg gagtccctgt tcgcttcagt ggcagtggtt ctggacttc ttactctctc	1260
acaatcagca gagtgaggc tgaagatgtt gccacttatt actgccagca gtggactagt	1320
aacccaccca cttcgagg ggggaccaag ctggaaatca aacgtacgtt ggctgcacca	1380
tctgtcttca tcttcccgcc atctgatgag cagttaaat ctggaaactgc ctctgttgt	1440
tgcctgctga ataacttcta tcccagagag gccaaagtac agtggaaaggt ggataacgcc	1500
ctccaaatcgg gtaactccca ggagagtgtc acagagcagg acagecaagga cagcacctac	1560
agcctcagca gcacccctgac gctgagcaaa gcagactacg agaaaacacaa agtctacgcc	1620
tgcgaagtca cccatcaggg cctgagctcg cccgtcacaa agagctcaa caggggagag	1680
tgttgaattc agatccgtta acggttacca actacctaga ctggattcgt gacaacatgc	1740
ggccgtgata tctacgtatg atcagcctcg actgtgcctt ctagttgcca gccatctgtt	1800
gtttccccct cccccgtgcc ttcttgacc ctggaaagggtt ccactccac tgctctttcc	1860
taataaaatg agaaaattgc atcgcattgt ctgagtaggt gtcattctat tctgggggtt	1920
gggggtgggc agacagcaa gggggaggat tggaaagaca atagcaggca tgctggggat	1980
gcgggtggct ctatggaaacc agctggggct cgacagctat gccaagtacg ccccttattg	2040
acgtcaatga cggtaaatgg cccgcctggc attatgccc gtacatgacc ttatggact	2100
ttcctacttg gcagttacatc tacgtattag tcatcgctat taccatggtg atgcggtttt	2160
ggcagttacat caatggcggt ggatagcggt ttgactcaag gggatttcca agtctccacc	2220
ccattgacgt caatgggagt ttgtttggc accaaaatca acgggacttt caaaaatgtc	2280
gtaacaactc cccccattg acgcaaatgg gcggtaggcg tgcacgttgg gaggtctata	2340
taaggcagagc tgggtacgtc ctcacattca gtgatcagca ctgaacacag acccgctcgac	2400

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 10 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

atgggttggaa gcctcatctt gtcgtgttg ctacgcgtgt cctgtcccaag	2460
gtacaactgc agcagcctgg ggctgagctg gtgaagcctg gggcctcagt gaagatgtcc	2520
tgcaaggctt ctggctacac atttaccagt tacaatatgc actggtaaa acagacaccc	2580
ggtcggggcc tgaatggat tggagctatt tatcccgaa atggtatac ttccctacaat	2640
cagaagttea aaggcaaggc cacattgact gcagacaaat cctccagcac agcctacatg	2700
cagctcagca gcctgacatc tgaggactct gcggcttatt actgtgcaag atcgaatcac	2760
tacggccgtg actggtaattt caatgtctgg ggccgaggaa ccacggtcac cgtctctgca	2820
gctagcacca agggccatc ggtctccccc ctggcacccct cctccaaagag cacctctggg	2880
ggcacagcgg ccttggctg cctggtaag gactacttcc cccgaaccgg gacgggtgtcg	2940
tggaaacttag cgcgcctgac cagcggcgtg cacaccccttcc cggctgtctt acagtcctca	3000
ggactctact ccctcagca gctgggacc gtgccttcca gcagcttggg caccctagacc	3060
tacatctgca acgtgaatca caagcccagc aacaccaagg tggacaagaa agcagagccc	3120
aaatcttggt aaaaaactca cacatccccca ccgtgcccag cacctgaact cttggggggaa	3180
ccgtcagtct tccctttccc cccaaaaccc aaggacaccc tcatgatctc ccggaccctt	3240
gaggtcacat gctgggtggt ggacgtgagc cacgaagacc ctgaggtcaa gttcaactgg	3300
tacgtggacg gctggaggt gcataatgcc aagacaaagc cgcgggagga gcagtacaac	3360
agcacgtacc gttgtggtcag cgtccctcacc gtcctgcacc aggactggct gaatggcaag	3420
gagtacaagt gcaaggcttc caacaaagcc cttccagccc ccatcgagaa aaccatctcc	3480
aaagccaaag ggcagccccg agaaccacag gtgtacaccc tgccccatc cccggatgag	3540
ctgaccaaga accaggttcag cctgacctgc ctggtaaa gcttctatcc cagcgcacatc	3600
gccgtggagt gggagagcaa tgggcagccg gagaacaact acaagaccac gcctcccgt	3660
ctggactccg acggctcctt ctccctctac agcaagctca ccgtggacaa gaggcagggtgg	3720
cagcagggga acgtcttctc atgctccgtg atgcatgagg ctctgcacaa ccaactacacg	3780
cagaagagcc ttcctctgtc tccggtaaa tgaggatccg ttaacggta ccaactacact	3840
agactggatt cgtgacaaca tgcggccgtg atatctacgt atgatcagcc tcgactgtgc	3900
tttcttagttt ccagccatct gttttttgcc cttcccccgt gccttccttgc accctggaaag	3960

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 11 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

gtgccactcc cactgtcctt tcctaataaaa atgaggaaaat tgcacatcgcat tgcacatcgcat	4020
ggtgtcattc tattctgggg ggtgggggtgg ggccaggacacg caagggggag gattggaaag	4080
acaatagcag gcatgctggg gatgcgggtgg gctctatggg accagctggg gctcgacagc	4140
gctggatctc ccgatccccca gctttgcttc tcaatttctt atttgcataa tgagaaaaaaa	4200
aggaaaaatta attttaacac caattcagta gtgtgattgag ccaatgcgtt gccaaaaagg	4260
atgcctttaga gacagtgttc tctgcacaga taaggacaaa cattattcag agggagttacc	4320
cagagctgag actcctaaggc cagtgagtgg cacagcattc tagggagaaa tatgcttgc	4380
atcaccgaag cctgattccg tagagccaca ctttggtaag ggccaatctg ctcacacagg	4440
atagagaggg caggagccag ggcagagcat ataaagggtgg gttagatcag ttgctcctca	4500
catttgccttc tgacatagtgtt gtgttggggag cttggatagc ttggacagct cagggctgc	4560
atttcgcgcc aaacttgcacg gcaatcttag cgtgaaggct ggttagattt tatccccgct	4620
gccatcatgg ttgcaccatt gaactgcattc gtcggcgtgt cccaaaaatat ggggattggc	4680
aagaacggag acctaccctg gcctccgctc aggaacgagt tcaagactt ccaaagaatg	4740
accacaacccctt ctcagtggaa aggttaaacag aatctggta ttatgggtag gaaaacctgg	4800
ttctccattc ctgagaagaa tcgaccctta aaggacagaa ttaatatagt tctcagtaga	4860
gaactcaaag aaccaccacg aggagctcat ttcttgccaa aaagtttggaa tgatgcctta	4920
agacttattt aacaacccggaa attggcaagt aaagtagaca tggttggat agtccggaggc	4980
atgttctgtttt accaggaagc catgaatcaa ccaggccacc ttagactctt tgcataagg	5040
atcatgcagg aatttggaaag tgacacgttt ttcccagaaa ttgatttggg gaaatataaa	5100
cttctccagg aataacccagg cgtcctctct gaggtccagg agggaaaaagg catcaagtat	5160
aagtttggaaag tctacgagaa gaaagactaa caggaagatg ctttcaagtt ctctgcctcc	5220
ctcctaaagc tatgcatttt tataagacca tgggactttt gctggcttta gatcagccctc	5280
gactgtgcct tctagttgcc agccatctgt tgtttggccc tccccgtgc cttccttgc	5340
cctggaaagg gccactccccca ctgtccttc ctaataaaaat gaggaaatttgc catgcatttgc	5400
tctgagtagg tgcattcttta ttctgggggg tgggggtgggg caggacagca agggggaggg	5460
ttgggaagac aatagcaggc atgtgggaa tgccgtggc tctatggaaac cagctggggc	5520

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 12 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

tcgagctact agctttgctt ctcaatttct tatttgata atgagaaaaa aaggaaaaatt	5580
aattttaaca ccaattcagt agttgattga gcaaatgcgt tgccaaaaag gatgctttag	5640
agacagtgtt ctctgcacag ataaggacaa acattattca gagggagtag ccagagctga	5700
gactcctaag ccagttagtg gcacagcatt cttagggagaa atatgcttg catcaccgaa	5760
gcctgattcc gttagagccac accttggtaa gggccaatct gctcacacag gatagagagg	5820
gcaggagcca gggcagagca tataaggtga ggtaggatca gttgcctc acatttgctt	5880
ctgacatagt tttgttggga gcttgatcg atcctctatg gttgaacaag atggattgca	5940
cgcagggtct cccggccgtt gggtagagag gctattcggc tatgactggg cacaacagac	6000
aatcggtgc tctgtatggcc ccgtgttccg gctgtcagcg cagggcgcgc cggttcttt	6060
tgtcaagacc gacctgtccg gtgcctgaa tgaactgcag gacgaggcag cgcggctatc	6120
gtggctggcc acgacgggcgc ttcttgcgc agctgtgctc gacgttgtca ctgaagcggg	6180
aagggactgg ctgctattgg gcgaaagtgcg ggggcaggat ctccgtcat ctcaccttgc	6240
tcctgcccag aaagtatcca tcatggctga tgcaatgcgg cggctgcata cgcttgatcc	6300
ggctacactgc ccattcgacc accaagcgaa acatcgatc gagcggcac gtactcgat	6360
ggaagccgggt ctgtcgatc aggatgatct ggacgaagag catcaggggc tcgcggccagc	6420
cgaactgttc gccaggctca aggccgcgcat gcccgcgc gaggatctcg tcgtgaccca	6480
tggcgatgcc tgcttgcga atatcatggt ggaaaaatggc cgctttctg gattcatcga	6540
ctgtggccgg ctgggtgtgg cggaccgcta tcaggacata ggggtggcta cccgtgatat	6600
tgtctgaagag ctggccggcg aatgggctga ccgttccctc gtgtttacg gtatcgccgc	6660
tcccgattcg cagcgcatcg ccttctatcg ctttcttgac gagttttct gacggggact	6720
ctggggatcg aatgaccga ccaagcgacg cccaaacctgc catcacgaga ttccgattcc	6780
accgcgcgcct tctatgaaag gttggcttc gaaatcgtt tccggacgc cggctggatg	6840
atcctccagc gccccggatct catgctggag ttcttgcgcc accccaaactt gtttattgca	6900
gcttataatg gtacaaaata aagcaatagc atcacaatatt tcacaaaataa agcattttt	6960
tcactgcatt ctatgtgg ttgtccaaa ctcatcaatc tatcttatca tgtctggatc	7020
gcggccgcga tcccgatcgag agcttggcgt aatcatggtc atagctgttt cctgtgtgaa	7080

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 13 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

attgttatcc	gtcacaatt	ccacacaaca	tacgagccgg	aagcataaag	tgtaaagcct	7140
gggggtgccta	atgagtggc	taactcacat	taattgcgtt	gcgctcaetg	cccgctttcc	7200
agtccggaaa	cctgtcggtc	cagctgcatt	aatgaatcgg	ccaaacgcgcg	gggagaggcg	7260
gtttgcgtat	tgggcgtct	tccgcttcct	cgctcaetga	ctcgctgcgc	tcggtcgttc	7320
ggctgcggcg	agccgtatca	gctcaetcaa	aggccgttaat	acggttatcc	acagaatcag	7380
gggataacgc	aggaaagaac	atgtgagcaa	aaggccagca	aaaggccagg	aaccgtaaaa	7440
aggccgcgtt	gctggcggtt	ttccataggg	tccggccccc	tgacgagcat	cacaaaaatc	7500
gacgctcaag	tcagaggtgg	cgaaacccga	caggactata	aagataccag	gcgtttcccc	7560
ctggaaagctc	cctcggtgcgc	tctcctgttc	cgaccctgc	gcttaccgga	tacctgtccg	7620
ccttcctccc	ttcgggaagc	gtggcgctt	ctcaatgctc	acgctgtagg	tatctcagtt	7680
cggtgttaggt	cgttcgcgtcc	aagctgggt	gtgtgcacga	accccccgtt	cagcccgacc	7740
gctgcgcctt	atccgttaac	tatcgcttt	agtccaaacc	ggtaaagacac	gacttatcgc	7800
cactggcagc	aggcactggt	aacaggatta	gcagagcgag	gtatgttaggc	ggtgctacag	7860
agttcttgaa	gtgggtggcct	aactacggct	acactagaag	gacagtattt	ggtatctgcg	7920
ctctgtgaa	gccaggttacc	ttcggaaaaaa	gagttggtag	ctcttgatcc	ggcaaacaaaa	7980
ccaccgctgg	tagcgggtgg	ttttttgtt	gcaaggcagca	gattacgcgc	agaaaaaaaaag	8040
gatctcaaga	agatcccttt	atctttcta	cggggctctga	cgctcgtgg	aacgaaaaact	8100
cacgttaagg	gattttggtc	atgagattat	caaaaaggat	cttcacctag	atccttttaa	8160
attaaaaatg	aagttttaaa	tcaatctaaa	gtatatatga	gtaaaacttgg	tctgacagtt	8220
accaatgctt	aatcagttag	gcacccatct	cagcgatctg	tctatttctgt	tcatccatag	8280
ttgcctgact	ccccgtcggt	tagataacta	cgatacggga	gggcttacca	tctggcccca	8340
gtgctgcaat	gataccgcga	gacccacgct	caccggctcc	agatttatca	gcaataaacc	8400
agccagccgg	aaggcccgag	cgcagaagtg	gtcctgcacac	tttattccgc	tccatccagt	8460
ctattaattg	ttgcggggaa	gctagagtaa	gtagtgcgc	agttaatagt	ttgcgcacag	8520
ttgttgcct	tgctacaggc	atcggtgt	cacgctcgtc	gtttgttatg	gtttcattca	8580
gtccgggttc	ccaaacgatca	aggcgagtt	catgatcccc	catgttgc	aaaaaaagccg	8640

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 14 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ttagctcctt	cggtcctccg	atcggtgtca	gaagtaagtt	ggccgcagtg	ttatcactca	8700
tggttatggc	agcaactgcat	aattcttta	ctgtcatgcc	atccgttaaga	tgcgtttctg	8760
tgactggta	gtactcaacc	aagtcttct	gagaatagtg	tatgcggcga	ccgagttgt	8820
cttgcggc	gtcaataacgg	gataataccg	cgccacatag	cagaacttta	aaagtgtctca	8880
tcattggaaa	acgttcttcg	gggcgaaaac	tctcaaggat	cttaccgctg	ttgagatcca	8940
gttcgatgt	accactcg	gcacccaact	gatcttcagc	atctttact	ttcaccagcg	9000
tttctgggt	agcaaaaaca	ggaaggcaaa	atgcccggaaa	aaagggata	agggcgacac	9060
gaaaatgtt	aataactcata	ctcttccttt	tcaatatttt	ttgaagcatt	tatcagggtt	9120
attgtctcat	gagcggatac	atatttgaat	gtatggtagaa	aaataaaca	ataggggttc	9180
cgccacatt	tcccccggaaa	gtgccacact				9209

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 15 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<210> SEQ ID NO 3
<211> LENGTH: 384
<212> TYPE: DNA
<213> ORGANISM: *Mus musculus*

<220> FEATURE:
<223> OTHER INFORMATION: sense orientation

<400> SEQUENCE: 3

atggatttcc	agggtcagat	tatcagcttc	ctgctaatca	gtgcttcagt	cataatgtcc	60
agagggcaaa	ttttttcttc	ccagtctcca	gcaatcctgt	ctgcatctcc	aggggagaag	120
gtcacaatga	cttgcagggc	cagcctgtct	gcatctccag	gggagaaggt	cacaatgact	180
tgcagggcca	gccccaaacc	ctggatttat	gccacatcca	acctggcttc	tggagtccct	240
gttcgcttca	gtggcagtgg	gtctggact	tcttactctc	tcacaatcag	cagagtggag	300
gctgaagatg	ctgccactta	ttactgccag	cagtggacta	gtaaccacc	cacgttcgga	360
ggggggacca	agctggaaat	caaa				384

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 16 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<210> SEQ ID NO 4
<211> LENGTH: 128
<212> TYPE: PRT
<213> ORGANISM: *Mus musculus*

<400> SEQUENCE: 4
Met Asp Phe Gln Val Gln Ile Ile Ser Phe Leu Leu Ile Ser Ala Ser
1 5 10 15
Val Ile Met Ser Arg Gly Gln Ile Val Leu Ser Gln Ser Pro Ala Ile
20 25 30
Leu Ser Ala Ser Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser
35 40 45
Ser Ser Val Ser Tyr Ile His Trp Phe Gln Gln Lys Pro Gly Ser Ser
50 55 60
Pro Lys Pro Trp Ile Tyr Ala Thr Ser Asn Leu Ala Ser Gly Val Pro
65 70 75 80
Val Arg Phe Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile
85 90 95
Ser Arg Val Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp
100 105 110
Thr Ser Asn Pro Pro Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys
115 120 125

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 17 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<210> SEQ ID NO 5
<211> LENGTH: 420
<212> TYPE: DNA
<213> ORGANISM: *Mus musculus*

<220> FEATURE:
<223> OTHER INFORMATION: sense orientation

<400> SEQUENCE: 5

atgggttgg a	gcctcatctt	gctcttcctt	gtcgctgttg	ctacgcgtgt	cctgtcccag	60
gtacaactgc	agcagcctgg	ggctgagctg	gtgaaggctg	gggcctcagt	gaagatgtcc	120
tgcaaggcctt	ctggctacac	atttaccagt	tacaatatgc	actgggtaaa	acagacacact	180
ggtcggggcc	tggaatggat	tggagctatt	tatcccgaa	atgggtatac	tccctacaat	240
cagaaggttca	aaggcaaggc	cacattgact	gcagacaaaat	cctccagcac	agcctacatg	300
cagctcagca	gcctgacatc	tgaggactct	gccccatatt	actgtgcaag	atcgacttac	360
tacggcggtg	actggtactt	caatgtctgg	ggcgcaggga	ccacggtcac	cgtctctgca	420

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 18 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<210> SEQ ID NO 6
<211> LENGTH: 140
<212> TYPE: PRT
<213> ORGANISM: *Mus musculus*

<400> SEQUENCE: 6

Met Gly Trp Ser Leu Ile Leu Leu Phe Leu Val Ala Val Ala Thr Arg
1 5 10 15

Val Leu Ser Gln Val Gln Leu Gln Gln Pro Gly Ala Glu Leu Val Lys
20 25 30

Pro Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe
35 40 45

Thr Ser Tyr Asn Met His Trp Val Lys Gln Thr Pro Gly Arg Gly Leu
50 55 60

Glu Trp Ile Gly Ala Ile Tyr Pro Gly Asn Gly Asp Thr Ser Tyr Asn
65 70 75 80

Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser
85 90 95

Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
100 105 110

Tyr Tyr Cys Ala Arg Ser Thr Tyr Tyr Gly Gly Asp Trp Tyr Phe Asn
115 120 125

Val Trp Gly Ala Gly Thr Thr Val Thr Val Ser Ala
130 135 140

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 19 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

```
<210> SEQ ID NO 7
<211> LENGTH: 27
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

<220> FEATURE:
<223> OTHER INFORMATION: impaired Kozak sequence and restriction enzyme
site

<220> FEATURE:
<223> OTHER INFORMATION: sense orientation

<400> SEQUENCE: 7
gggagcttgg atcgatcctc tatggtt
```

27

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 20 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<210> SEQ ID NO 8
<211> LENGTH: 47
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer

<220> FEATURE:
<223> OTHER INFORMATION: sense orientation

<400> SEQUENCE: 8
atcacagatc ttcaccatg gatttcagg tgcagattat cagcttc

47

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 21 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<210> SEQ ID NO 9
<211> LENGTH: 30
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer

<220> FEATURE:
<223> OTHER INFORMATION: antisense orientation

<400> SEQUENCE: 9
tgcaggcatcc gtacgttga tttccagctt

30

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 22 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

```
<210> SEQ ID NO 10
<211> LENGTH: 27
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer

<220> FEATURE:
<223> OTHER INFORMATION: sense orientation

<400> SEQUENCE: 10
gcccccttcca cgcgtgtcct gtccca
```

27

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 23 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

```
<210> SEQ ID NO 11
<211> LENGTH: 29
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer

<220> FEATURE:
<223> OTHER INFORMATION: antisense orientation

<220> FEATURE:
<221> misc_feature
<222> LOCATION: (1)..(29)
<223> OTHER INFORMATION: s is g or c

<220> FEATURE:
<221> misc_feature
<222> LOCATION: (1)..(29)
<223> OTHER INFORMATION: m is a or c

<220> FEATURE:
<221> misc_feature
<222> LOCATION: (1)..(29)
<223> OTHER INFORMATION: r is g or a
```

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,381,560 B2
APPLICATION NO. : 09/911692
DATED : June 3, 2008
INVENTOR(S) : D. R. Anderson et al.

Page 24 of 24

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<400> SEQUENCE: 11
ggstgttgtg ctagctgmrg agacrgtga

29

Signed and Sealed this
Second Day of September, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office